Proviso with Pseudowords: Logical Game

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Logical Game

- Critical (between subject; 4 trials)
  - Dependent: "Only glorps have dords"
  - Independent: "Some people have dords"
- Distractors (16 trials)
  - 6 conditional (+ 4 critical conditionals = 10 conditionals in total)
  - 10 non-conditionals

Participants

- 20 Participants for each exp, recruited from Mturk
  - *A total of 80 observations in each condition*
- Exclusion: only 1 participant
  - < 75% of the distractor trials
  - Most participants answered 15-16 distractors correctly

When asked about the antecedent

- "If John is a glorp, he knows dords. Is John a glorp?"
  - Trial #20, at the end of the exp
- **23**/40 Yes responses, at chance

Critical

- Dependent: "Only glorps have dords. If John is a glorp, he will yapple his dord. Does John have a dord?"
  - Expected No responses
  - Count of yes responses: 54/80 (67.5%)

- Independent: "Some people have dords. If John is a glorp, he will yapple his dord. Does John have a dord?"
  - Expected Yes responses
  - Count of yes responses: **41**/80 (51.25%), at chance

- If anything, people respond to Independent as if they are being asked about the antecedent of the conditional. A lot more Yes responses in Dependent……

Comments that suggest participant's strategy

Dep ABCD: *I was unsure how to answer the questions that said "IF _____ is a _____" because I was not sure if _____ was a _____ or not, so my answer would have been I don't know,* **but instead I assumed in each case they were in order to be able to answer the question**. *Saying either yes or no was not correct in those cases in my opinion since I did not know.*